

CLAIMS

1. An arrangement for treating solids settled on the bottom of an electrolytic tank, **characterized** in that said arrangement comprises a collector element
5 (11) movable essentially along the bottom (5) of the electrolytic tank (1) or in the vicinity thereof, said collector element (11) being provided with means (12, 14) for separating coarse particles from the rest of the solids.
2. An arrangement according to claim 1, **characterized** in that the means for
10 separating coarse particles constitute a sieve element (12).
3. An arrangement according to claim 1 or 2, **characterized** in that in connection with the collector element (11), there is provided a lid element (15), so that the collector element (11) and/or the lid element (15) are movable at
15 least with respect to each other.
4. An arrangement according to any of the preceding claims 1 - 3, **characterized** in that the collector element (11) is installed turnably in a drive arrangement (10).
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5. An arrangement according to any of the preceding claims 1 - 4, **characterized** in that the arrangement comprises means (23, 24) for directing at least one intermediate agent jet (25) towards the solids in the collecting direction, prior to the collector element (11).
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6. An arrangement according to any of the preceding claims 1 - 5, **characterized** in that the arrangement comprises at least one suction element (26) placed advantageously after the collector element (11) with respect to the collecting direction.
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7. An arrangement according to any of the preceding claims 1 - 6, **characterized** in that the means (23, 24) for directing the intermediate agent

jet to the solids comprise at least one nozzle (23), which is directed to the sieve element (12, 14) of the collector element.

8. An arrangement according to any of the preceding claims 1 - 7,
5 **characterized** in that the collector element (11) is at least partly made of a
plate provided with apertures.

9. An arrangement according to any of the preceding claims 1 - 8,
characterized in that the sieve element of the collector element (11) is
10 composed of bar elements (14) that are spaced apart.

10. An arrangement according to any of the preceding claims 1 - 9, characterized in that the drive apparatus of the collector element (11) is a separating wall (10).

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add #17